

Micro filter

MS9-LFM-N1-AUV-HF-DA

Part number: 553064

FESTO

0.01 µm filter, metal bowl guard, high flow rate, fully automatic condensate drain, with differential pressure indicator, flow direction from left to right.



Data sheet

Feature	Value
Series	MS
Size	9
Design structure	Fiber filter
Grade of filtration	0.01 µm
Condensate drain	fully automatic manual momentary-contact
Working pressure	2 ... 12 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [6:8:4]
Air purity class at output	Compressed air in accordance with ISO8573-1:2010 [1:7:2]
Max. standard flow rate for air quality class	7,800 l/min
Min. standard flow rate for air quality class	390 l/min
Filter efficiency	99.9999 %
Max. condensate volume	225 ml
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	5 ... 60 °C
Ambient temperature	5 ... 60 °C
Storage temperature	-10 ... 60 °C
Residual oil content	0.01 mg/m ³
Differential pressure display	Visual indicator
Mounting type	Line installation with accessories Optional
Assembly position	Vertical +/- 5°
Pneumatic connection, port 1	1 NPT
Pneumatic connection, port 2	1 NPT
Material housing	Aluminum die cast
Material of cover	PA
Material filter	Boron silicate fiber
Material bowl	Wrought Aluminum alloy
Material screen	PA
Material seals	NBR
Product weight	2,500 g